

## ABSTRACT

The present invention relates to water treatment, in particular to a process for the removal of dissolved organic carbon from water. The process includes the following steps, adding an ion-exchange resin to water containing a contaminant such as dissolved organic carbon, dispersing the resin in the contaminated water to enable adsorption of the dissolved organic carbon onto the resin, and separating the resin loaded with contaminant from the water. In a preferred embodiment the process employs a magnetic ion-exchange resin.